

Please type or print (+) inside this box



PTO/SB/01(12-97)

Approved for use through 9/30/00 OMB#0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains
a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

AttorneyDocketNumber	ISTN-100
FirstNamedInventor	Arthur Jing-Min Yang
COMPLETE IF KNOWN	
ApplicationNumber	/
FilingDate	Concurrently herewith
GroupArtUnit	
ExaminerName	

As above named inventor, I hereby declare that:

My residence post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ION SEPARATION USING A SURFACE-TREATED XEROGEL

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY)

February 3, 1999

as United States Application Number or PCT International

Application Number **PCT/US99/02181** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendments specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or invention certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority datasheet PTO/SB/028 attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/074,026	February 9, 1998	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority datasheet PTO/SB/02 attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

tion

Please type or print (+) inside this box



Approved for use through 9/30/00, OMB 0651-0032

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION—Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 355(c) of any PCT International application filed in the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior art as defined in 37 CFR 1.56 which became available between the filing date of the application and the national or PCT international filing date of this application.

I am designating the following as the prior art to disclose in the prior application:

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As named in Inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number _____
OR
 Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

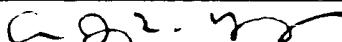
Name	Registration Number	Name	Registration Number
Edwin A. Shalloway	19,967	Perry Carvelas	19,637
Leonard W. Sherman	19,636	Robert L. Haines	35,533
Richard A. Steinberg	26,588		

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number _____ OR Correspondence address below

Name	SHERMAN & SHALLOWAY				
Address	413 North Washington Street				
Address					
City	Alexandria	State	VA	ZIP	22314
Country	United States	Telephone	703-549-2282	Fax	703-836-0106

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)			Family Name or Surname				
Arthur Jing-Min			YANG				
Inventor's Signature						Date	7-20-2000
Residence: City	Lancaster	State	PA	Country	U.S.	Citizenship	U.S.
Post Office Address	916 Dorsey Road, Lancaster, PA 17601						
Post Office Address							
City		State		ZIP		Country	

Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Applicant or Patentee: Arthur Jing-min
Serial or Patent No.: §371 of International PCT Application PCT/US99/02181
Filed or Issued: Concurrently herewith

Attorney's
Docket No.: ISTN-100

For: ION SEPARATION USING A SURFACE-TREATED XEROGEL

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) AND 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below;
 an official of the small business concern empowered to act on behalf of the concern identified below;

NAME OF CONCERN Industrial Science & Technology Network, Inc.

ADDRESS OF CONCERN CYBER Center, 1600 Pennsylvania Avenue, Suite 21, York, PA 17404

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in

the specification filed herewith as identified above.
 the application identified above.
 the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(e) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). Separate verified statements are required from each named person, concern or organization having rights to the invention averring their status as small entities. (37 CFR 1.27)

Each person, concern or organization having any rights in the invention is listed below:

NAME _____
ADDRESS _____
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Arthur Jing-min Yang

TITLE OF PERSON OTHER THAN OWNER President

ADDRESS OF PERSON SIGNING CYBER Center, 1600 Pennsylvania Avenue, Suite 21, York, PA 17404

SIGNATURE C. J. Yang DATE 7-20-2000